



Precision Ophthalmology 2018 ***Optimizing the Refractive Status of the Eye***

Date: Friday, November 30th, 2018

Location: University Club, 1 West 54th Street, New York

Program Chairs: Leejee H. Suh, MD, Danielle Trief, MD, MSc and
Stephen L. Trokel, MD

Program

7:00AM-8:00AM	Registration and Breakfast	
8:00AM-8:05AM	Welcome and Opening	George (Jack) Cioffi, MD
<u>Session I</u>	<u>Keratoconus: The Future is Now</u>	
8:05AM-8:15AM	Genetics of Keratoconus and Keratoglobus	Irene Maumenee, MD
8:15AM-8:25AM	Cross-linking in Clinical Practice: Pearls from a Decade of Cross-linking at Columbia University	Leejee Suh, MD
8:25AM-8:35AM	Pediatric Crosslinking: How Young Should We Be Crosslinking?	Danielle Trief, MD, MSc
8:35AM-8:45AM	New Imaging for Keratoconus	Ronald Silverman, PhD
8:45AM-8:55AM	The Future of Cross-linking	David Paik, MD
8:55AM-9:15AM	Panel Discussion: "Pearls and Pitfalls of Cross-linking" Moderator: Leejee Suh, MD	
9:15AM-9:35AM	Break	

<u>Session II</u>	<u>The Myopia Epidemic</u>	
9:35AM-9:45AM	The Myopia Control Study	Steven Brooks, MD
9:45AM-9:55AM	Contact Lens Technology for Myopia Control	Y. Shira Kresch, OD
9:55AM-10:05AM	Introduction of Jonas Children's Vision Care Lecturer	Steven Brooks, MD
10:05AM-10:25AM	Jonas Lecture: Pharmacogenomics Pipeline for Anti-Myopia Drug Development: A New Path to Myopia Cure	Andrei Tkatchenko, PhD
10:25AM-10:50AM	Panel Discussion: "Early Intervention of Myopia Control" Moderator: Lauren Yeager, MD	

10:50AM-11:10AM Break

<u>Session III</u>	<u>The Expanding World of Refractive Surgery</u>	
11:10AM-11:20AM	Topography-guided PRK and Corneal Cross-linking: Lessons Learned Over 10 Years	Raymond Stein, MD, FRCSC
11:20AM-11:25AM	Patient Reported Outcomes and Satisfaction with LASIK	Francis Price Jr., MD
11:25AM-11:35AM	Novel Femtosecond Laser Applications For Refractive Surgery	Sinisa Vukelic, PhD
11:35AM-11:45AM FRCSC	Corneal Laser for Age-related Macular Degeneration: A New Discovery	Raymond Stein, MD,
11:45AM-11:50AM	Introduction of the DeVoe Lecturer:	Stephen Trokel, MD
11:50AM-12:20PM	DeVoe Lecture: "Modern Keratorefractive Surgery with LASIK, SMILE and PRK"	Edward Manche, MD
12:20PM-12:45PM	Panel Discussion: "Choosing the Correct Procedure for Your Family Member" Moderator: Stephen Trokel, MD	
12:45PM-14:00PM	Lunch and Exhibition	

Session IV Improving Corneal Clarity: From the Surface to the Endothelium

14:00PM-14:10PM	Meibomian Gland Disease and the Ocular Microbiome	Royce Chen, MD
14:10PM-14:20PM	The Latest in Dry Eye Imaging	Stephen Trokel, MD
14:20PM-14:30PM	Pediatric Corneal Transplantation	Danielle Trief, MD, MSc
14:30PM-14:40PM	The Latest in Contact Lens Management	Suzanne Sherman, OD
14:40PM-14:50PM	How to Transition into a Successful DMEK Surgeon	George Florakis, MD
14:50PM-14:55PM	Introduction of Dunnington Lecturer	Leejee Suh, MD
14:55PM-15:20PM	Dunnington Lecture: “Changing Expectations on Refractive End Points with Transplant Surgery: How the Bars Seems to Rise Faster Than Our Technology”	Francis Price Jr., MD
15:20PM-15:45PM	Panel Discussion: Optimizing Corneal Health Moderator: Danielle Trief, MD, MSc	
15:45PM-16:05PM	Break	
<u>Session V</u>	<u>Achieving Premium Results in Today’s Cataract Surgery</u>	
16:05PM-16:15PM	Top 10 Pearls for Achieving Premium Results	Lisa Park, MD
16:15PM-16:25PM	Intraocular Lens Selection in Challenging Patients	James Auran, MD
16:25PM-16:35PM	MIGS Surgery in the Cataract Setting	Lama Al-Aswad, MD, MPH
16:35PM-16:45PM	Managing Astigmatism in Cataract Surgery	David Ritterband, MD
16:45PM-16:55PM	Femtosecond Laser Platforms for Cataract Surgery	Leejee Suh, MD
16:55PM-17:20PM	Panel Discussion: Challenging Cataract Case Presentations Moderator: Leejee Suh, MD	
17:20PM-17:30PM	Program Conclusion and Wrap-Up	Leejee Suh, MD
17:30PM-18:55PM	Cocktail Reception/Meet and Greet	